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(54) **Method of deburring ultrasonic devices**

(57) A method of deburring high-power ultrasonic devices is described. Deburring high-power ultrasonic devices may be accomplished by performing the steps of connecting an ultrasonic device to an ultrasonic transducer, inserting the ultrasonic device into an abrasive media, activating the ultrasonic transducer, and deburring the ultrasonic device in the abrasive media. One embodiment of the invention utilizes crushed champagne glass with a 24 mesh particle size as the deburring media. Deburring ultrasonic surgical instrument blades may be accomplished by activating the blade in the media for from 5 to 20 seconds to remove large burrs without compromising the blade edge.

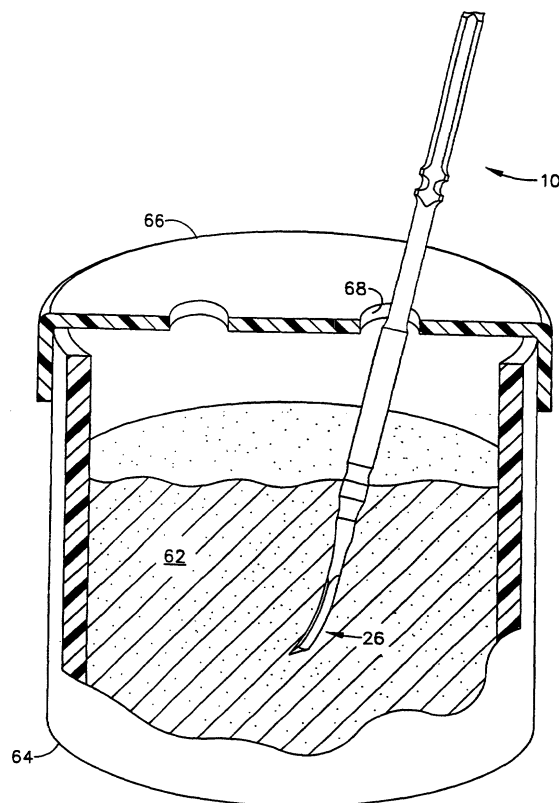


FIG. 14



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 3070

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
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			TECHNICAL FIELDS SEARCHED (Int.CI.7)
			B24B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19 June 2003	Examiner Do Huu Duc, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 3070

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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